CLAIMS

1. A filler layer for a solar cell module containing a silane-modified resin obtained by polymerizing an ethylenic unsaturated silane compound and a polyethylene for polymerization, wherein the filler layer for a solar cell module has a gel fraction of 30% or lower when the filler layer for a solar cell module is used in a solar cell module.

2. The filler layer for a solar cell module according to claim 1, further containing a polyethylene for addition.

3. The filler layer for a solar cell module according to claim 1 or claim 2, wherein the polyethylene for polymerization and the polyethylene for addition are at least one polyethylene selected from a group of a low density polyethylene, a medium density polyethylene, a high density polyethylene, a very low density polyethylene, an ultra low density polyethylene, and a linear low density polyethylene.

4. The filler layer for a solar cell module according to any one of claims 1 to 3, wherein an amount of the silane-modified resin contained therein is in a range of 1 to 80% by weight.

5. The filler layer for a solar cell module according to any one of claims 1 to 4, wherein Si (silicon) is contained in a form of a polymerized Si at the amount of 8 ppm to 3500 ppm.

6. The filler layer for a solar cell module according to any one of claims 1 to 5, wherein practically no silanol condensation catalyst is contained in the filler layer for a solar cell module.

7. A solar cell module comprising the filler layer for a solar cell module according to any one of claims 1 to 6.